



THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: MURAKAMI, et al. Examiner: D. D. Davis  
Serial No.: 10/665,963 Group Art Unit: 2627  
Filed: September 18, 2003 Docket: 10873.1304US01  
Title: MAGNETIC RECORDING MEDIUM, METHOD FOR PRODUCING  
THE SAME AND MAGNETIC RECORDING/REPRODUCING  
APPARATUS

**CERTIFICATE UNDER 37 C.F.R. 1.10**

Express Mail mailing label number: EV 802675339 US

Date of Deposit: July 19, 2007

I hereby certify that the papers listed below are being deposited with the United States Postal Service Express Mail Post Office to Addressee service under 37 CFR 1.10 in an envelope addressed to: Mail Stop RCE, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

By: 

Name: Shanna Gratton

**INFORMATION DISCLOSURE STATEMENT**

Mail Stop RCE  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

With regard to the above-identified application, the items of information listed on the enclosed Form 1449 are brought to the attention of the Examiner. The references were recently cited in a European Search Report mailed April 25, 2007. A copy of the search report is enclosed. Copies of any foreign patent documents or "Other Documents" are enclosed.

A concise explanation of the relevance of each non-English language document or other information is as follows (37 C.F.R. §(a)(3)):

EP 1 460 628 is an English equivalent of WO 03/046905. English abstracts have been included for the cited Japanese references.

In accordance with the provisions of 37 C.F.R. §1.97, this statement is being filed (CHECK ONE):

- ☒ (1) within three (3) months of the Filing Date, before the mailing date of a First Office Action on the merits, or before the mailing date of a First Office Action on the merits after the filing of a request for continued examination under 37 C.F.R. §1.114; or

- ☐ (2) after the period defined in (1) but before the mailing date of a Final Rejection or Notice of Allowance, and
- ☐ the requisite Statement is below, OR
- ☐ the requisite fee of \$180.00 under Rule 1.17(p) is included herein, or
- ☐ (3) after the mailing date of a Final Rejection or Notice of Allowance but on or before the payment of the Issue Fee, AND the requisite Statement is below AND the requisite fee of \$180.00 under Rule 1.17(p) is included herein.

### STATEMENT

Applicants hereby state that:

- ☒ Each item of information contained in the Information Disclosure Statement was first cited in a communication from a foreign patent office in a counterpart application or by the USPTO in a related application not more than three months prior to the filing date of the Information Disclosure Statement

- ☐ If this box is checked, Applicant provides the following:

#### **Certification Under 37 C.F.R. §1.704(d)**

In accordance with 37 C.F.R. §1.704(d), the undersigned hereby certifies that each item listed on the enclosed Form 1449 was first cited in a communication from a foreign patent office in a counterpart application, and that this communication was not received by any individual designated in 37 C.F.R. §1.56(c) more than thirty (30) days prior to the filing of this Information Disclosure Statement.

- ☐ The Examiner is hereby advised of the following co-pending U.S. applications. A copy of each U.S. patent application publication (if published) or application (if not published) is enclosed.

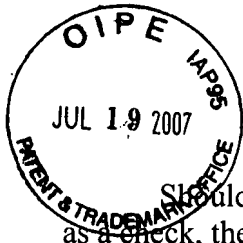
Application No.

Filing Date

Group

No representation is made that a reference is "prior art" within the meaning of 35 U.S.C. §§ 102 and 103 and Applicants reserve the right, pursuant to 37 C.F.R. § 1.131 or otherwise, to establish that the reference(s) are not "prior art." Moreover, Applicants do not represent that a reference has been thoroughly reviewed or that any relevance of any portion of a reference is intended.

Consideration of the items listed is respectfully requested. Pursuant to the provisions of M.P.E.P. 609, it is requested that the Examiner return a copy of the attached Form 1449, marked as being considered and initialed by the Examiner, to the undersigned with the next official communication.



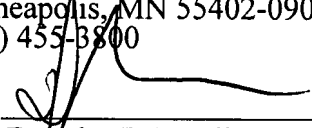
**FEE AUTHORIZATION**

Should any fee associated with the submission of this paper not be attached hereto as a check, the Commissioner is authorized to charge the missing fee to our Deposit Account, No. 50-3478. Any overpayments should be credited to said Deposit Account.

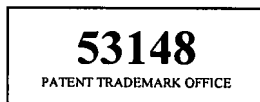
Respectfully submitted,

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Dated: July 19, 2007

By:   
Douglas P. Mueller  
Reg. No. 30,300

DPM/pjk



FORM 1449\*

## SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

IN AN APPLICATION

(Use several sheets if necessary)

Docket Number:

10873.1304US01

Application Number:

10/665,963

Applicant: MURAKAMI, et al.

Filing Date: September 18,  
2003

Group Art Unit: 2627

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	4,995,024	February 1991	Arimune, et al.			
	5,996,348	October 1999	Hashimoto, et al.			
	6,033,538	March 2000	Suwabe, et al.			
	2003/175554	September 2003	Miyakoshi			

## FOREIGN PATENT DOCUMENTS

	DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
	0 654 786	May 1995	EPO				
	11-195254	July 1999	Japan			Abstract	
	0 817 182	January 1998	EPO				
	2001-297495	October 2001	Japan			Abstract	
	2002-197741	July, 2002	Japan			Abstract	
	03/046905	June 2003	WIPO				
	1 460 628	September 2004	EPO				

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

		Komatsu, et al., "Minimum Magnetic Domain Width of TbFeCo by Magnetic Field Modulation Recording", SPIE, vol. 2338, Optical Data Storage (1994), 305-311

53148

Customer Number

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form for next communication to the Applicant.